AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of transmitting a data packet from a first transmitting/receiving device to a second transmitting/ receiving device, comprising ~~the following steps~~:

transmi~~a) transmit~~ting ~~ssion of~~ at least two transmit authorizations from the second transmitting/receiving device to the first transmitting/receiving device;

transmi~~b) transmit~~tingssion ~~of~~ the data packet from the first transmitting/receiving device to the second transmitting/receiving device following the reception of transmit authorizations; and

~~d) interruption~~interrupting ~~of~~ the transmission of transmit authorizations from the second transmitting/receiving device to the first transmitting/receiving device ~~following~~ when ~~the reception of~~ the data packet is received.

2. (currently amended): ~~A~~ The method according to c~~C~~laim 1, further comprising ~~the following steps~~:

sending at least two transmit authorizations ~~are sent~~ from the second transmitting/receiving device to the first transmitting/receiving device when a further data packet is expected;~~,~~ and

~~the~~ transmitting~~transmission of~~ the transmit authorizations from the second transmitting/receiving device to the first transmitting/receiving device is interrupted again as soon as the second ~~-~~transmitting/receiving device has received the further data packet.

3. (currently amended): A method according to Claim 1, further comprising ~~the following steps~~:

following the interruption of the transmission of transmit authorizations from the second transmitting/receiving device to the first transmitting/receiving device, sending at least two transmit authorizations ~~are sent~~ from the second transmitting/receiving device to a third transmitting/receiving device~~;~~, and

interrupting the transmission of the transmit authorizations from the second transmitting/receiving device to the third transmitting/receiving device ~~is interrupted~~ as soon as a data packet from the third transmitting/receiving device has been received in the second transmitting/receiving device.

4. (currently amended): A method for sending transmit authorizations from a first transmitting/receiving device to a second transmitting/receiving device, the method comprising:

~~wherein~~ sending the transmit authorizations ~~are sent~~ to the second transmitting/receiving device in a first time period, and

wherein the first time period is shorter than a second time period which adjoins the first time period and in which no transmit authorizations are sent to the second transmitting/receiving device.

5. (currently amended): ~~A~~ The method according to c~~C~~laim 1, wherein ~~the~~ time intervals between two transmit authorizations fulfill ~~fulfilling~~ predetermined delay jitter requirements.

6. (currently amended): ~~A~~ The method according to c~~C~~laim 4, further comprising ~~the step~~: at least in a time slot of the second time period, transmitting ~~transmit~~ authorizations ~~are sent~~ to a third transmitting/receiving device.

7. (currently amended): A control centre for a multiple access system comprising:

a control unit for ~~the~~ controlled transmission of transmit authorizations to transmitting/receiving devices,

wherein the control unit is capable of sending at least two transmit authorizations to ~~a~~ the transmitting/receiving device and of interrupting the transmission of the transmit authorizations to the ~~one~~ transmitting/receiving device as soon as the control ~~centre~~center has received a data packet from the ~~one~~ transmitting/receiving device.

8. (currently amended): ~~A~~ The control centre according to c~~C~~laim 7, the control ~~centre~~ center having ~~the~~ a form of a head end or a hub of a HFC- or HFR system, a control cent~~re~~r of a hyperLAN system, or a base station of a LMDS- or UMTS-system, and the transmitting/receiving devices ~~each~~ having ~~the~~ a form of a cable modem or a radio station.

9. (new): The method according to claim 1, wherein the second transmitting/receiving device automatically interrupts the transmission of transmit authorizations from the second transmitting/receiving device to the first transmitting/receiving device in response to receiving the data packet.

10. (new): The method according to claim 9, wherein the second transmitting/receiving device automatically resumes the transmission of the transmit authorizations after a predetermined period of time, sad transmission is resumed shortly before next data packet is expected to be sent from the first transmitting receiving device.

11. (new): The method according to claim 1, wherein the data comprises user data information or communication data.

12. (new): The method according to claim 1, wherein transmit authorizations are transmitted at a high rate to fulfill predetermined delay jitter requirements and wherein the transmit authorizations are transmitted only in time periods in which data packet is expected to be transmitted from the second transmitting/receiving device.

13. (new): The method according to claim 4, wherein the first transmitting/receiving device is a control center and the second transmitting/receiving device is a terminal.